

GAU 2661
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|------------------------------|---|-----------------------------|
| In Re |) | |
| Application No. 09/711,508 |) | For: ENHANCED CONVERSION OF |
| Khaled H. El-Maleh, et al. |) | WIDEBAND SIGNALS TO |
| |) | NARROWBAND SIGNALS |
| Attorney Docket No. PA010047 |) | |
| Filed: January 24, 2001 |) | Group No. 2661 |

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97(b)

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Assistant Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

Applicants, through their attorney, submit herewith references of which they are aware, which they believe may be material to the examination of this application and with respect to which there may be a duty to disclose in accordance with 37 CFR § 1.56.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231, on:

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(Date of Deposit)

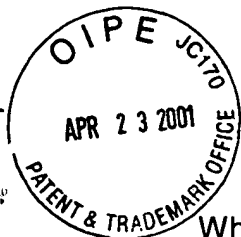
Carola Emelius-Swartz

(Name of the Person Making Deposit)

(Signature)

04/20/01

(Date of Signature)



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While the references identified herein may be material to the examination of this application pursuant to 37 CFR § 1.56, the citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application unless specifically designated as such.

The filing of this document shall not be construed to mean that any search has been made or, that if made such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

A list of the references cited herein is set forth on Form PTO-1449 which is enclosed herewith in duplicate along with a copy of each cited reference. Applicants respectfully request that the Examiner return to Applicants the enclosed copy of the Form PTO-1449 indicating consideration of the references.

The subject application is believed patentable over any of the above-references.

Respectfully submitted,

Dated: 04/20/01

By: 

Kyong H. Macek
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Encl.: 1. Form PTO 1449
2. Copies of references cited on Form PTO-1449

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|---------------------------------------------------------------------------------------|-----------------------------------------|-------------------------------|
| FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. PA010047 | APPLICATION NO. 09/771,508 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | APPLICANT Khaled H. El-Maleh, et al. | |
| DATE MAILED: 04/20/2001 | FILING DATE 01/24/2001 | GROUP 2661 |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | Ref No | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPRO- PRIATE |
|---------------------|-----------|-----------------|------------|--------------------|-------|--------------|---------------------------------------|
| | A1 | 4,901,307 | 02/13/1990 | Gilhousen, et al. | | | |
| | A2 | 5,103,459 | 04/07/1992 | Gilhousen, et al. | | | |
| | A3 | 5,414,796 | 05/09/1995 | Jacobs, et al. | | | |
| | A4 | 5,956,673 | 09/21/1999 | Weaver, Jr. et al. | | | |
| | A5 | 5,903,862 | 05/11/1999 | Weaver, Jr. et al. | | | |
| | A6 | 5,844,899 | 12/01/1998 | Daley, et al. | | | |
| | A7 | 5,915,235 | 06/22/1999 | DeJaco, et al. | | | |
| | A8 | | | | | | |
| | A9 | | | | | | |
| | A10 | | | | | | |

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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | Ref No | DOCUMENT NUMBER | DATE | COUNTRY | NAME | CLASS | SUB CLASS |
|---------------------|-----------|-----------------|------|---------|------|-------|--------------|
| | B1 | | | | | | |
| | B2 | | | | | | |
| | B3 | | | | | | |

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

| | |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C1 | ITU-T G.722 Standard: 7 kHz Audio-Coding within 64 kBit/s – General Aspects of Digital Transmission Systems; Terminal Equipments Study Group XV and XVIII. Melbourne, 1988. (pgs. 269-341) |
| C2 | |
| C3 | |

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| EXAMINER | DATE CONSIDERED |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |